



1731

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Larry Q. Zeng, et al.
FOR : **OPTICAL FIBER DEPOSITION
TUBE FUSED IN DEUTERIUM
ATMOSPHERE FOR
ATTENUATION IMPROVEMENT**
SERIAL NO. : 09/683,853
FILED : February 22, 2002
ART UNIT : 1731
ATTORNEY DOCKET NO. : LD11504/LD11590
GEC 2 0511

COPY OF PAPERS
ORIGINALLY FILED

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D. C. 20231
Box Patent Application

Dear Sir:

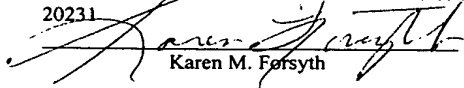
In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicants submit the following Disclosure Statement concerning art of which the applicants are aware. A copy of PTO-1449 is enclosed herewith.

Under Rule 98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed patents require no further explanation.

Certificate of First Class Mailing

I hereby certify that this Transmittal and all papers indicated as being attached thereto are being deposited with the United States Postal Service as First Class Mail on the date indicated above and is addressed to the Assistant Commissioner For Patents, Washington, D.C. 20231

Date of Deposit: 5-22-02


Karen M. Forsyth

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The following patents are enclosed:

<u>U.S. Patent No.</u>	<u>Inventor(s)</u>
4,389,230	Modone, et al.
4,515,612	Burrus, Jr., et al.

The following articles are enclosed:

R.W. Lee, R.C. Frank, and D.E. Swets, *Diffusion of Hydrogen and Deuterium in Fused Quartz*, the Journal of Chemical Physics, Volume 36, Number 4, February 15, 1962, pp. 1062-1071.

J. Stone and C.A. Burrus, *Reduction of the 1.38 μ m Water Peak in Optical Fibers by Deuterium-Hydrogen Exchange*, American Telephone and Telegraph Company, The Bell System Technical Journal, Vol. 59, No. 8, October 1980, pp. 1541-1549.

Under Rule 97(b)(1), this information disclosure statement is being filed within three months of the filing date of the application. Therefore, no fee is necessary.

Respectfully submitted,

**FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP**

5/22/02
Date

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Subst. Form PTO-1449

APPLICANTS' INFORMATION
DISCLOSURE STATEMENT

Atty. Docket No.:

LD11504/LD11590

GEC 2 0511

Serial No.: 09/683,853

Applicants: Larry Q. Zeng, et al.

Filing Date: February 22,
2002

Group: 1731

U.S. PATENT DOCUMENTS

Initial *		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	4,389,230	21JE1983	Modone et al.			15JE1981
	AB	4,515,612	07MY1985	Burrus Jr., et al.			25FE1983
	AC						
	AD						
	AE						
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	AH						
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	AN						
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OTHER ART

	AR	R.W. Lee, R.C. Frank, and D.E. Swets, <i>Diffusion of Hydrogen and Deuterium in Fused Quartz</i> , the Journal of Chemical Physics, Volume 36, Number 4, February 15, 1962, pp. 1062-1071
	AS	J. Stone and C.A. Burrus, <i>Reduction of the 1.38 μm Water Peak in Optical Fibers by Deuterium-Hydrogen Exchange</i> , American Telephone and Telegraph Company, The Bell System Technical Journal, Vol. 59, No. 8, October 1980.
	AT	

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.